

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                       |                 |   |                             |
|-----------------------|-----------------|---|-----------------------------|
| In re application of: | SHAMBLEN et al. | : | Confirmation No. 8707       |
|                       |                 | : |                             |
| Application No.:      | 10/814,965      | : | Group Art Unit: 1742        |
|                       |                 | : |                             |
| Filed:                | March 31, 2004  | : | Examiner: T. McGuthry Banks |
|                       |                 | : |                             |

For: PRODUCING NICKEL-BASE, COBALT-BASE, IRON-BASE, IRON-NICKEL-BASE,  
OR IRON-NICKEL-COBALT-BASE ALLOY ARTICLES BY REDUCTION OF  
NONMETALLIC PRECURSOR COMPOUNDS AND MELTING

**RESPONSE UNDER 37 C.F.R. 1.111**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Paper is filed in response to an Office Action dated October 10, 2007 in the above-captioned application (the "Application"). Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks begin on page 7. Reconsideration is respectfully requested.